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Jiang M., Babiuk L., Print A.;
"Cloning, Sequencing and Expression of the
Streptococcus uberis.";
Outmitted (ACG 1981 to the MD1 Papenbl/LD
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Patent No. 5863543
GENERAL INFORMATION:
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APPLICANT: Potter, Andrew A.
APPLICANT: MacLachlan, Philip R
TITLE OF INVENTION. CAMP FACTOR OF STREETCOCCCUS GREEKS
MINHER OF SECTENCES: 4
**CARESPONDENCE ACCRESS:
APPRESSPONDENCE ACCRESS:
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APPRESSPONDENCE Peed & Robins LLP
STEFF OF HAM.17 & ACCRESS.
STATE: California
ZIP: 94301
"CMPUTER PEADABLE FORM:
MEDICM TYPE: Floppy disk
"VMPUTER: IBM PC compatible
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Patent No. 5863543
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APPLICANT: Yiding, M.,

APPLICANT: Potter, Action A.,

APPLICANT: MacLachian, ibility in

TITLE OF INVENTION. OAS CANTEL

NUMBER OF SEQUENCES: 4
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TELEPAX: (415) 327 4.41
INFORMATION FOR SEQ ID NO
SEQUENCE CHARACTERISTICS
ATELIZATION NUMBER 17 7764

FILING DATE: 05-700 1-47

CLASSIFICATION: 547

ATTORNEY/AGENT INFORMAL! M.
NAME: Robbins, Robbits 1.
REGISTRATION NUMBER 14.14

REFERENCE/DOCKET MIMBER 14.14

TELECOMMUNICATION INF 54411 M.
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COMPUTER READABLE FORM:

MEDIUM TYPE: FLORY 1508

COMPUTER: FAM PO COMPATIBLE

COPERATING SYSTEM: FOIL & MOIL &

SOFTWARE: Patestin Believe #110, Version

CURRENT APPLICATION DATA:
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ADDRESSEE: Reed & Poliny Cli
STREET: 285 Hamilton Avenue, Cuite 20
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Post processing: Minimum Match 90% Maximum Match 100%
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Perfect score:
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Published Applications_AA:

1. Gg/2 6/ptodata/1/pubpan/USS8_NEW_FUB.pep:*

2. Gg/2 6/ptodata/1/pubpan/USS8_NEW_FUB.pep:*

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4. Gg/2 6/ptodata/1/pubpan/USS8_PUBCOMB.pep:*

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12. Gg/2 6/ptodata/1/pubpan/USS8_PUBCOMB.pep:*

13. Gg/2 6/ptodata/1/pubpan/USS8_PUBCOMB.pep:*

14. Gg/2 6/ptodata/1/pubpan/USS8_PUBCOMB.pep:*
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Gapop 10.5 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          118974 seqs, 19401057 residues
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1118
1 NQEWYCZO-XXEGWYCZYY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Search time 8.00826 Seconds (without alignments) S52.360 Million cell updates/sec
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Possit Chery
No. Soir Match Length DB ID Description

Swarch completed: January 13, 2003, 16:00:38 Job time : 8:00826 secs

No matches found

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GenCore version 5.1.3 Compugen Dtd.
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M protein - protein search, using sw model

Tamuary 13, 2003, 15-56-17 ; Search Fime 13-632 Seconds - without alignments) 1604-450 Million cell updates/sec

Title: Perfect score:

US-09-214-733A-5 1118 1 MG1MMGQDCMMBCMWISQEE..... L...WAQVSQEIEVLGEALMTALQ 228

Scoring table: BLCSUM62 Gapop 10.0 , Gapext 6.5

Searched: 283224 segs, 36134422 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum March 90% Maximum March 100% Listing first 45 summaries

Database : PIR 73:*
1: pir1:*
2: pir2:*
3: pir3:*
4: pir4:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by unilysis if the tital score distribution.

SUMMARIES

Result Query
No. Score March Length DB ID

Description

No matches found

Search completed: January 13, 2003, 15:59:41 Job time : 13.6612 secs

GenCore version 5.1.3 Compugen Ltd.

(M protein - protein search, using sw model

Part offi January 13, 2003, 15-53-32, Search time 4 00326 Seconds (without alignments) 1180 855 Million cell updates/sec

Title: Perfect score: Sequence:

US-09 234-733A-5 1118 1 NQINVSQSSMBSMVISQMF. ... L.VAQVSQEIRVLQBALNTALQ 228

Society table: BLOSUM62 Gapop 1910 , dapext 0.5

Searched: 112892 seqs, 41476328 residues

Total number of hits satisfying chosen parameters:

O

Minimum DB seq length: 0 Maximum DB seq length: 260vouve00

Post processing: Minimum Match 90% Maximum Match 100% Listing Eirst 45 summaries

SwissProt_40:*

Database :

SUMMARIES

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysic of the rotal score distribution.

Description

Pesult Query
No. Score Match Length DB ID

No matches found

Search completed: January 13, 2003, 15:58:05

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Post processing: Minimum Match 90% Maximum Match 100%
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sp_human:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	ų	% Pesult Query Query No. Score Match Length DB ID
	1118	Score
	1118 100.0 256 2 Q56	Maroh Vareny
		Length
	N	80
	256 2 Q56146	8
	Q56146 streptococc	Description

ALIGNMENTS

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RESULT:

Q56/46

D56/46

PRELIMINARY;

PRT;

256 AA.

AC Q56/146;

PT 01.NOV-1996 (TrEMBLrel. 01, Created)

DT 01.NOV-1996 (TrEMBLrel. 01, Last sequence update)

DT 01.NIN-2002 (TrEMBLrel. 21, Last annotation update)

DE cAMP factor.

Streptococcus uberis.

G8 Streptococcus uberis.

G9 Bacheria; Firmicutes; Bacillus/Clostridium group; Lactobacillales;
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Search completed: January 11.
Job time: 25.9669 secs
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Submitted (AUS-1995 for LA EMPL AUBBACK/CORO IN A
EMPL) U34322 AAA7891CII
Interpo: IER000425 MIP (AFILY
PROSITE) PS00221 MIP (MENUME)
SEQUENCE 256 AA, LANCO MR. (1000/AEPEC FORE)
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Jiang M., Babiuk L., Fotter A.:
"Cloning, Seguencing and Extreme on of the CAMS Baselenceccus uberis.";
Submitted (AUG-1995) to the EMBC healback/IDEC is all
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(c) 1993 - 2003 Compagen Ltd.
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AAW10220 standard; Protein; 256 AA

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ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM P compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Jiang, Min
APPLICANT: Potter, Andrew A.
APPLICANT: MacLachian, Philip R.
TITLE OF INVENTION. TAMP FACTOR OF STREPTOCOCCUS UBERIS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                      ADDRESSEE: Perd 5 Public IIP
STREET: 285 Hamilton Avenue, Suite
CITY: Palo Alto
STATE: California
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; TOPOLOGY: iinear
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US:08-658-277-2
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COMPUTER READABLE F-BM:

MEDIUM TYPE: Plotty

COMPUTER: IBM PC comparition

GERATING SYSTEM: PC to Mich to SOFTWARE: Patentin belongs it in COMPUTER: IBM PC to Mich to Mich to SOFTWARE: Patentin belongs in the CURRENT APPLICATION NAME: PC TILING DATE: OS.UTM 100

GLASSIFICATION: SAME TO ACCOUNT OF THE COMPARITION OF
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Copyright (c) 1993 - 2003 Compugen Ltd.
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Search completed: January 13, 2003, 16:00:38 Jub time : 8.99174 secs

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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US 09-234 733A-2
1252
1 MBEKKLIYLT3SIAGITLES......VAQVDQBIKVLQBALNTALQ 256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   283224 scys, 96134422 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hammary 13, 0003, 18.86.17 ,
                                                                                                                                                                                                                                                                                                                                                                                                               PIP_73:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GenCore version 5.1.3
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                           pir2::+
                                                                                                                                                                                                         SUMMARIES
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                                                                                                                                           Description
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(M protein - protein search, using sw model

Pun on: Jamuary 13, 2001, 15-61-12; Search time 9.99174 Seconds (without alignments) 1180.855 Million call updates/sec

Parient score: US-09-214-733A 2 1252 1 MEFEKILIYLISSIAGIIILES.....VAQVUQEIKVUQEALNIALQ 256

scoring table:

BLOSUM62 Gapop 13.0 , Gapext 3.5 112892 segs, 41476328 residues

Total number of hits satisfying chosen parameters:

0

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 90% Maximum Match 100% Disting first 45 summaries

Database : SwissProt_40:*

Find. No. is the number of results predicted by chappe to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total coore distribution.

No. Score Match Length DB ID SUMMARIES

Description

No matches found